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	Application No.	(Applicant/s)	2h	
Notice of Allowability	Application No.	Applicant(s)		
	10/791,781 Examiner		OHTSUKA ET AL.	
	ANH PHUNG	2824		
The MAILING DATE of this communication appeal. All claims being allowable, PROSECUTION ON THE MERITS IS (therewith (or previously mailed), a Notice of Allowance (PTOL85) of NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RICE of the Office or upon petition by the applicant. See 37 CFR 1.313	OR REMAINS) CLOSED in or other appropriate commu GHTS. This application is s	n this application. If not incl inication will be mailed in du	luded le course. THIS	
1. $igstyle igstyle igstyle$ This communication is responsive to the Preliminary Amend	lment received on March 4	<u>, 2004</u> .		
2. ☑ The allowed claim(s) is/are <u>12 and 13</u> .				
3. $igtimes$ The drawings filed on <u>04 March 2004</u> are accepted by the E	xaminer.			
 Acknowledgment is made of a claim for foreign priority und a)		or (f).		
2. Certified copies of the priority documents have	been received in Application	on No. <u>09/977,310</u> .		
Copies of the certified copies of the priority doc	uments have been receive	d in this national stage appl	ication from the	
International Bureau (PCT Rule 17.2(a)).				
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" on noted below. Failure to timely comply will result in ABANDONMITHIS THREE-MONTH PERIOD IS NOT EXTENDABLE		e a reply complying with the	requirements	
 A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which gives 	ted. Note the attached EXAs reason(s) why the oath or	AMINER'S AMENDMENT or declaration is deficient.	NOTICE OF	
6. CORRECTED DRAWINGS (as "replacement sheets") must	be submitted.			
(a) ☐ including changes required by the Notice of Draftsperso	on's Patent Drawing Review	w (PTO948) attached		
1) hereto or 2) to Paper No./Mail Date				
(b) ☐ including changes required by the attached Examiner's Paper No./Mail Date	Amendment / Comment or	r in the Office action of		
Identifying indicia such as the application number (see 37 CFR 1.8 each sheet. Replacement sheet(s) should be labeled as such in the			the back) of	
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT F			Note the	
Attachment(s)	_			
1. Notice of References Cited (PTO-892) References Cited (PTO-892)	_	formal Patent Application (P	10-152)	
2. Notice of Draftperson's Patent Drawing Review (PTO948)	Paper No./i			
 Information Disdosure Statements (PTO-1449 or PTO/SB/08 Paper No./Mail Date 7/21/2004 	7. Examiner's	Amendment/Comment		
1. ☐ Examiner's Comment Regarding Requirement for Deposit	8. ⊠ Examiner's	Statement of Reasons for A	llowance	

9. Other Search History.

ANH PHUNG
PRIMARY EXAMINER

of Biological Material

Application/Control Number: 10/791,781 Page 2

Art Unit: 2824

DETAILED ACTION

1. In response to the U.S. Application Ser. No. 10/791,781 filed on March 4, 2004, and Preliminary Amendment received on March 4, 2004, claims **12** and **13** are pending in the present application.

Examiner's amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The specification has been amended as follows:

Page 1, after "October 16, 2001", insert -- , now U.S. Pat. No. 6,720,596, issued on April 3, 2004 --

The examiner's amendment has been made in order to place the application in a condition for allowance.

Priority

3. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 09/977,310, filed on October 16, 2001.

Information Disclosure Statement

This office acknowledges receipt of the following items from the Applicant:
 Information Disclosure Statements (IDS) filed July 21, 2004.
 Information disclosed and listed on PTO 1449 was considered.

Application/Control Number: 10/791,781 Page 3

Art Unit: 2824

Examiner's Statement of Reasons for Allowance

5. Claims 12 and 13 are allowed.

Chen et al. (US 6,370,056), Sekiguchi et al. (US 5,910,911), Saito et al. (US 5,629,888) and Nakamura (US 5,345,414) disclose a method for driving a nonvolatile memory similar to that of the present application, but fail to teach "a transistor having a source region, a drain region and a floating gate electrode; a dielectric capacitor, which is connected to the floating gate electrode and has a dielectric layer; a ferroelectric capacitor, which is connected to the floating gate electrode and has a ferroelectric layer; first and second polarization voltage application terminals, which are connected to the dielectric capacitor and the ferroelectric capacitor, respectively, and which apply voltage for generating polarization to the ferroelectric capacitor, and a ground terminal and a power source voltage terminal connected to the source region and the drain region, respectively, wherein during writing, in accordance with the information "0" or "1" that is to be written, the voltage applied to the first and second polarization voltage application terminals is reversed between high and low" as claimed in the independent claim 12.

Any comments considered necessary by applicants must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comment on Statement of Reasons for Allowance".

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **ANH PHUNG** whose telephone number is **(571) 272-**

Application/Control Number: 10/791,781 Page 4

Art Unit: 2824

1883. The examiner can normally be reached on Monday-Friday from 8:00 AM to 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, RICHARD ELMS, can be reached on (571) 272-1869. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit: 2824

AKP